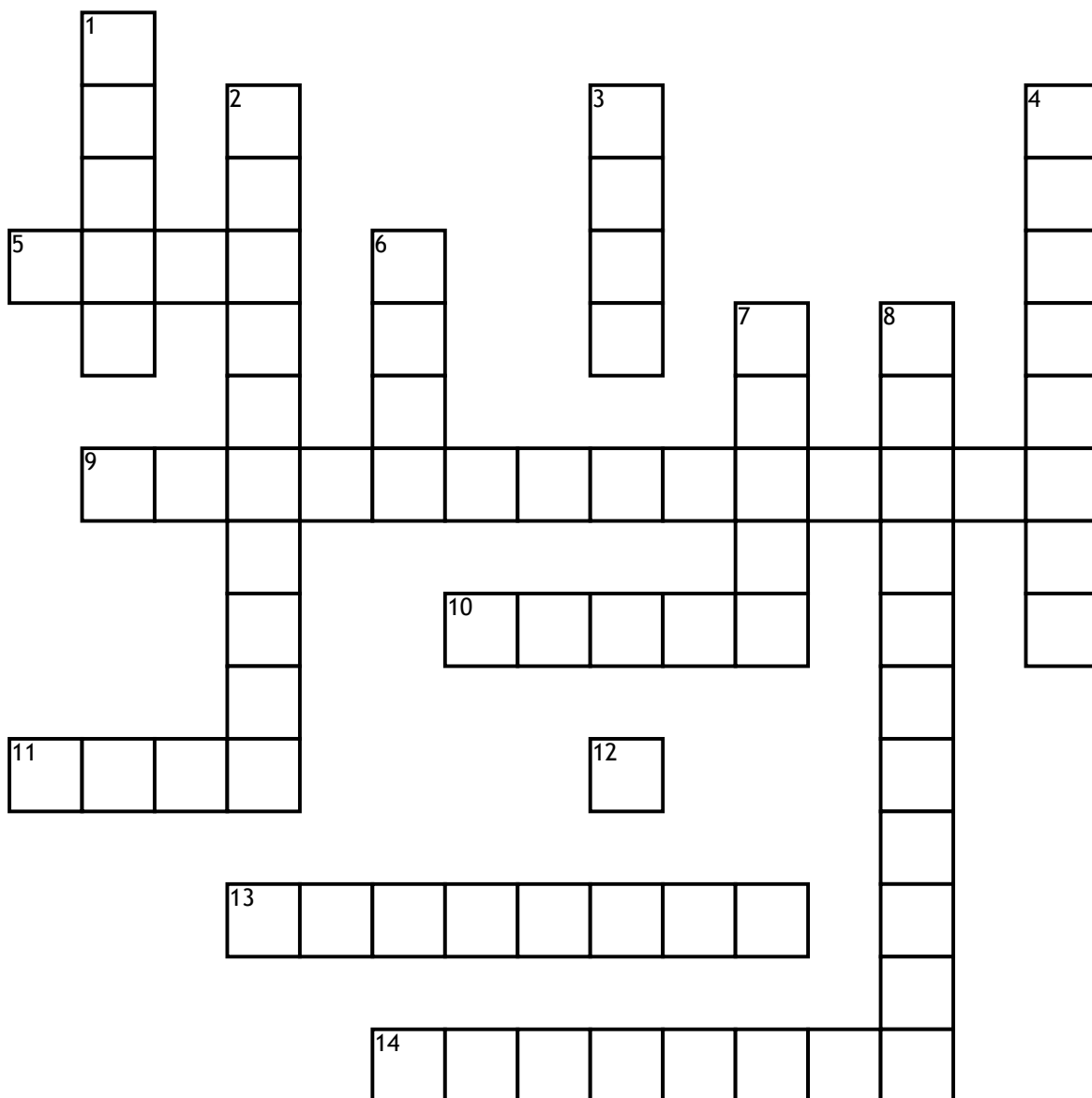


# CALCULUS PUZZLE



## Across

5. Constant Rule / Derivative of a constant is always
9. Integrals /
10. Absolute Minimum / lowest point in a
11. Sum and Difference Rule /  $d/dx [f(x) +/- g(x)] = f'(x) +/-$
12. Derivative /  $dy/dx$  or
13. Power Rule / Exponent moves in front of  $x$  and you subtract 1 from the original

14. Product Rule /  $d/dx [f(x) * g(x)] = f'(x)g(x) +$

## Down

1. Discontinuity / Graph that requires you to lift your hand (Jump, Infinite,
2. Relative Maximum / going from positive to negative
3. Chain rule / Used to find the derivative of a function inside another function  $d/dx f(g(x)) = f'(g(x)) *$

4. Relative Minimum / going from negative to positive
6. Continuity / Drawing a graph without lifting your
7. Absolute Maximum / Highest point of a
8. Inflection Point / a change from concave up to concave down